

TOTTINGTON  
URBAN DISTRICT COUNCIL.



# Annual Reports

OF THE  
MEDICAL OFFICER OF HEALTH,  
AND INSPECTOR OF NUISANCES,  
1910,

(JANUARY 1st, TO DECEMBER 31st.)



BURY:  
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1911.



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# Medical Officer's Annual Report.

Population, 1891	...	...	...	5768
„ 1901	...	...	...	6118
Estimated Population, 1910			...	7245
Area in Statute Acres	...	...		2655
Estimated number of inhabited houses (1901)				1153
„ „ „ „ (1902)				1341
„ „ „ „ (1903)				1368
„ „ „ „ (1904-5)				1400
„ „ „ „ (1906)				1432
„ „ „ „ (1907)				1463
„ „ „ „ (1908)				1488
„ „ „ „ (1909)				1515
„ „ „ „ (1910)				1549
Average No. of persons per house, 4 6				

*To the Members of the Tottington Urban District Council.*

Gentlemen,

I herewith submit my Annual Report on the health of your District for the year 1910.

**Birth Rate.**—During the year 1910, 122 births have been registered in this district, of which number 61 were males and 61 females, giving a birth rate of 16·83 per thousand, the births occurred in the various wards as follows :

Chapel Ward	...	20
Church Ward	...	13
Greenmount Ward...		26
Hawkshaw Ward	...	13
Walshaw Ward	...	50
		<hr/>
		122

The birth rate for the year 1910 is 16·83 per thousand.

The following table shews the birth rates in your district since the year 1899.

Birth rate for 1899 was 14·1 per thousand (9 months)

„	„	1900	19·96	„	(per annum)
„	„	1901	22·06	„	„
„	„	1902	17·98	„	„
„	„	1903	16·66	„	„
„	„	1904	18·60	„	„
„	„	1905	19·06	„	„
„	„	1906	17·42	„	„
„	„	1907	21·37	„	„
„	„	1908	16·31	„	„
„	„	1909	17·98	„	„
„	„	1910	16·83	„	„

**Illegitimate Birth Rate.**—Two illegitimate births have been registered during the year, two males.

Walshaw Ward ... 1

Greenmount Ward ... 1

The illegitimate birth rate is 1·64 per centum.

The illegitimate birth rate in previous years was as follows :

1899	...	1·81 per cent.
1900	...	3·96 „
1901	...	·74 „
1902	...	·9 „
1903	...	1·9 „
1904	...	4·16 „
1905	...	3·25 „
1906	...	1·74 „
1907	...	·67 „
1908	...	·88 „
1909	...	3·25 „
1910	...	1·64 „

**The Death Rate.**--During the year 1910, 75 deaths have been registered in the district, and in addition to this number, 2 deaths of residents occurred in the hospital for Infectious Diseases at Bury, and 3 in the Union Workhouse situated also in Bury, and 4 in various institutions in other towns, giving a total of 84 deaths of residents for the year. Of this number 43 were males and 41 females.

One death occurred in the Holly Mount Poor Law Schools, situated in the Greenmount Ward.

The death rate for the whole district for the year is 11·59 per thousand.

The death rate of the district in previous years was

1899	...	17·97	per thousand
1900	...	15·35	„
1901	...	15·85	„
1902	...	12·42	„
1903	...	14·12	„
1904	...	15·81	„
1905	...	13·33	„
1906	...	15·15	„
1907	...	11·92	„
1908	...	12·99	„
1909	...	13·59	„
1910	...	11·59	„

The deaths occurred in the various wards as follows :

Chapel Ward	...	22
Church Ward	...	12
Greenmount Ward	...	12
Hawkshaw Ward	...	6
Walshaw Ward	...	32
		<hr/>
		84

**Infantile Mortality.**—The number of deaths occurring under the age of one year was 17, and the mortality rate under this heading is 139·34 per thousand. The deaths occurred in the different wards of the district as hereunder given :

Chapel Ward	...	2
Church Ward	...	4
Greenmount Ward	...	1
Hawkshaw Ward	...	3
Walshaw Ward	...	7
		<hr/>
		17

The Infantile death rate in previous years was :

In 1899	...	127·27	per thousand
1900	...	63·5	„
1901	...	133·33	„
1902	...	100·	„
1903	...	57·14	„
1904	...	116·66	„
1905	...	97·50	„
1906	...	156·56	„
1907	...	74·8	„
1908	...	97·34	„
1909	...	118·11	„
1910	...	139·34	„

**Mortality over the age of one year and under the age of five years.** The number of deaths occurring between the ages above named was 6, giving a death rate of ·828 per thousand. In 1909 the death rate between these ages was 1·7 per thousand.

**Mortality over the age of five years and under the age of fifteen years.** Under this heading the number of deaths was 3, and the mortality rate ·414 per thousand. Death rate between these ages in 1909 was ·14 per thousand.



**Mortality over the age of fifteen years and under twenty-five years.** The Number of deaths was 2, and the mortality rate  $\cdot 276$  per thousand, in 1909 the mortality rate was  $\cdot 85$  per thousand.

**Mortality over the age of twenty-five years and under sixty-five years.** Number of deaths 33, mortality rate  $4\cdot 55$  per thousand. In 1909 the mortality rate  $5\cdot 94$  per thousand.

**Mortality amongst aged people—over 65 years.** The number of deaths under this head was 23, and the death rate  $3\cdot 37$  per thousand. The death rate in 1909 was  $2\cdot 83$  per thousand.

**Phthisis.** One case of Phthisis was notified under the Public Health (Tuberculosis) Regulations, 1908

Two cases were notified voluntarily.

**Infectious Diseases.** During the year 1910, 78 cases of infectious disease have been notified, and three cases of Phthisis <sup>2 voluntarily + one under Tuberculosis Order, 1908</sup> voluntarily, making a total of 81; of this number, 36 (32 Scarlet fever, 2 Enteric fever, and 2 Phthisis) have been removed to the Joint Isolation Hospital, at Bury, and the Aitken Sanatorium, at Holcombe, respectively, the remainder, ~~(44)~~ <sup>45</sup> being treated at their own homes.

The distribution of cases of Infectious disease over the district was

Chapel Ward	...	16 cases
Church Ward	...	20
Greenmount Ward		19
Hawkshaw Ward	...	0
Walshaw Ward	...	26
		<hr/>
		81

Distribution of cases of Infectious disease in the district in previous years.

	Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Total.
In 1901.....	3	2	8	3	3	19
1902.....	8	0	3	3	7	21
1903.....	13	5	4	8	20	50
1904.....	16	6	26	20	14	82
1905.....	14	2	29	0	4	49
1906.....	4	0	7	2	6	19
1907.....	5	0	28	2	3	38
1908.....	3	5	4	1	5	18
1909.....	10	8	28	0	16	62
1910.....	16	20	19	0	26	81

**Scarlet Fever.** 72 cases of this disease have been notified and of this number 32 were removed to the Isolation Hospital.

1 case was under the age of 1 year

30 cases were	„	5
33	„	15
5	„	25
3	„	65

Total 72

2 deaths resulted from the disease in hospital.

The disease occurred in the different parts of the district as follows :

	Removed to Hospital		Deaths	Treated at Home	
Chapel Ward...	...	5	...	1	9
Church Ward	...	7	...	0	13
Greenmount Ward	...	10	...	1	7
Hawkshaw Ward	...	0	...	0	0
Walshaw Ward	...	10	...	0	11
		32		2	40



From an examination of Table III it will be seen that Scarlet Fever has again been the most prevalent, and the most troublesome of all the infectious diseases, 72 cases—against 59 in 1909—having been notified. The disease commenced to be notified freely in the month of August, 1909, and has continued until October in the present year. In spite of the prompt removal of patients to the Isolation hospital, the immediate disinfection of premises vacated by them, the periodical examination of children in the schools, and the adoption of an extended period of quarantine, cases of the disease continued to be notified. The methods adopted by us, and carefully carried out, had not produced satisfactory results.

About the beginning of August, I decided to try a method of treatment which had been adopted in some other localities with reputed success. I therefore visited cases as soon as possible after notification, and treated the throats of those affected with 10 % Carbolic oil, and the skin with inunctions of Eucalyptus oil, all the cases were now kept for treatment in their homes. This plan of treatment was subjected to some very severe tests with a view to ascertaining (1) whether the spread of the infection could be checked by the early and frequent applications of antiseptics to the chief foci of infection. (2) Whether the complications from which those attacked usually suffer, could be diminished, or obviated.

I believe both desiderata were obtained by the treatment adopted.

After the adoption of this method of treatment in August, the number of cases notified began to diminish, until in the month of October no further cases were notified, and the district has remained free from the disease until December 24th, when two mild cases were notified, these also are being treated by

the method before mentioned. In all the cases I have seen where this plan of treatment has been tried, there has been an absence of nose and ear discharges, and of kidney complications, and in no case has a healthy child contracted the disease although they have freely mixed with those ill with the disease, and in some cases have slept in the same room with the patient.

No case of infectious disease has been notified as occurring on farm premises.

**Measles.** A few cases of this disease have been notified in the district, but the disease has not assumed epidemic proportions ; no special measures have been adopted beyond the isolation of the cases in their own homes.

**Chicken Pox.** A considerable number of cases of this disease have occurred during the year, but the disease has been dealt with by visiting the schools and excluding those found to be suffering from it.

With a view to the prevention of the spread of Scarlet Fever, Measles, and Chicken Pox, the different schools chiefly affected have been several times visited, and all the children in attendance at the time of the visit examined. The schools visited have been disinfected under the direction of the Sanitary Inspector, and cleansed. The ventilation in one of the schools has been improved on our recommendation.

**Enteric Fever.** Three cases of this disease have been notified, two in Walshaw Ward and one in Greenmount Ward, two of the cases were removed to the hospital, and one was treated at home. No fault could be found with the milk or water supply to any of the cases, but the sanitary offices of the premises from which all three were removed were not of a

modern type ; no defect of the drains or other nuisance was discoverable, nor have any complaints been made by the occupants of the respective houses.

**Small Pox.** No cases.

**Diphtheria and Membranous Croup.** No cases have been removed from the district to the hospital, or notified as suffering from this disease. Arrangements have been made with Professor Sheridan Delepine for the bacteriological examination of throat swabs, sputum, blood, etc., and provision made for the gratuitous supply of anti-diphtheria serum, and also for the supply of Carbolic and Eucalyptus oils, to those unable to purchase them.

**Bakehouses.** (7) No sanitary defects have been detected in connection with these places. In two instances I have drawn the attention of the persons in charge to the need for more frequent limewashing,—the order was complied with. The operations in the bakehouses are, as far as I have been able to ascertain at the time of my visits, well conducted.

**Slaughter Houses.** (5) I have paid visits periodically to these, and no nuisance has been discovered in them, nor have any complaints been made as to the method of removal of offal, etc., or of any other matters likely to arise in connection with the operations conducted in them ; so far as I am able to judge, the slaughter of animals has been conducted in a proper manner.

The carcasses of three animals slaughtered on farm premises have been inspected, two being passed as fit for sale for human consumption, and one carcase was condemned as unfit for human consumption.



**Housing of the Working Classes.** Thirty-four new houses have been erected in the district during the year, viz. : 1 in Chapel Ward, 3 in Church Ward, 5 in Greenmount Ward, and 25 in Walshaw Ward,

Following the custom of previous years, we have endeavoured to induce owners to adopt the system of fresh water closets, instead of the obnoxious midden type so commonly met with in connection with older houses, with a fair amount of success. The chief objection to the more general adoption of the system being that, as the sanitary offices are situated outside the houses difficulty is likely to be experienced in frosty weather from the freezing up of feed, or discharge pipes.

Following on the joint recommendation of myself and the Sanitary Inspector, in the matter of privy accommodation in Holly Street, notice was served on the owners of property in this street to place the sanitary offices of their houses in proper condition, and in the majority of cases, (19 out of 20), conversion to the water carriage system was carried out, and 13 of the 20 made covered ashpits.

Twenty-eight water closets have been put in new property during the year.

The case of over-crowding reported to you by me in 1909 has been satisfactorily dealt with, by removal of the occupiers to more commodious premises.

**Drainage and Sewerage.** A sewer has been re-laid in Back Holly Street, in connection with the alterations and conversions that have been previously referred to as having taken place in that locality.

A new sewer has been constructed in Turton Road in connection with the erection of new property in that section of the district.

The working of the sewerage system continues to be satisfactory. The sewage is treated, as in former years, by a system of settlement in tanks, precipitation, and subsequently land filtration. The effluents have been, on the whole, favourably reported upon.

**Scavenging.** This is let out by contract, and has been well done, comparatively few complaints having been received on this score.

**Cowsheds and Dairies.** One new cowshed has been erected in the place of one in which the ventilation, lighting and general arrangements were so defective as to be beyond repair. Another cowshed has been improved as regards the lighting and ventilation.

No case of infectious disease has been notified as occurring in a farm house or dairy.

The average air space in the cowsheds is about 600 cubic feet per head of cattle.

**Water Supply.** A constant supply of water has been maintained throughout those parts of the district in which the water mains run by the Bury and District Joint Water Board, and very few complaints have been made as to its quality or quantity. No disease considered as water borne can be ascribed to its use.

A complaint regarding the water supply to Bannister's farm has been received ; in consequence of this, I, together with the Sanitary inspector, made an examination of the wells (3) supplying this farm, and of the means by which water was

conveyed from the wells to the farm. The water of two of the wells—the two used for drinking purposes—was found to be satisfactory, but the means of conveyance of the water to the farm house were very unsatisfactory, and liable to be polluted. The third well was not satisfactory, nor was the water fit to drink, but this well is not used for any other purpose than that of washing and swilling floor, or yard premises. These matters were reported upon by me to your council, and recommendations made, for the improvement of the means of conveyance of the water from the wells to the farm, and for the protection of the wells from surface washing.

In the company of the County Medical Officer of Health, and Sanitary Inspector we made another examination of the wells, and gathering grounds from which the water of these wells was derived. Samples of the water were taken, and an analysis of the water was made by the County Analyst, copies of the analysis were supplied to your Council, with the recommendations of the County Medical Officer ; the analysis shewed that the water of the two wells used for drinking purposes was fairly good, and that the water of the third well was quite unfit for drinking purposes. It would be better, if feasible, that this part of the district could be supplied with water from the Joint Board, so as to reduce the danger of contamination of the supply.

In October, the Sanitary Inspector reported a case of serious contamination of the water supply to a farm and houses situated in Harwood Road, and known as Stoney Brow Fold. In company with the Sanitary Inspector we investigated this, and found that the slop water of some cottages in Cann Street, a quarter of a mile distant from the farm, had gained access to the main supplying the farm and adjoining houses. This defect was at once remedied by



the owner of the farm, in our presence. On the day following, we visited the source of the water supply, and found the water to be of good quality, but that the wells require to be protected against surface washings, and the main conveying the water from the wells to the farm and houses requires to be re-laid or re-constructed.

The main difficulty in dealing with cases like this lies in the fact that the water flows through the land of different owners, and no one seems willing to undertake the responsibility of repair. In this case the only remedy lies in supplying the farm and adjoining houses with water from the mains of the Joint Water Board, which, in this case, are in close proximity to the houses in question.

**Zymotic Diseases.** Five deaths have occurred from Zymotic causes, and the death rate is '69 per thousand.

In 1899 death rate from this cause was 1'47 per 1000.

1900	„	„	„	1'27
1901	„	„	„	1'75
1902	„	„	„	'49
1903	„	„	„	1'9
1904	„	„	„	15'5
1905	„	„	„	1'08
1906	„	„	„	1'21
1907	„	„	„	'58
1908	„	„	„	'144
1909	„	„	„	'42
1910	„	„	„	'69

**Factories and Workshops.** I have visited the factories and workshops during the year.

The sanitary conveniences are in good structural condition, and have been kept clean, and it is satisfactory to note that no complaints have been received from any of them, of inattention to the emptying of these offices.

A complaint was made by the Factory Inspector of the insufficient means of escape, in case of fire, at one factory. I, together with the Sanitary Inspector, visited the works in question, and inspected the rooms, and made recommendations to the owner as to the nature of, and best position for, the escape to be placed. The work was commenced soon after, and has been satisfactorily fixed.

The arrangements for ventilation, and the amount of air space in the different works is practically the same as in previous years, and is, on the whole, fairly satisfactory.

The number of persons employed in the works of the district is about the same as that given in former reports.

No new industry has been commenced since my last report, but one works which had shut down has been re-opened.

The Factories in the district consist of weaving, 6 sheds ; calico printing 1 ; cloth bleaching 2 ; and a steam Laundry.

The workshops comprise : Tin and Coppersmiths 1, Blacksmiths 1, Plumbers 2, Joiners 4, Wheelwright 1, Cabinet Making 1, and an Iron Foundry.

Appended are the tables of statistics relating to the Mortality, Births, and Infectious Diseases which have occurred in your district during the year, as well as those for the years since the formation of the Urban District.

I have also great pleasure in subjoining the report of Mr. L. Kenyon, Sanitary Inspector, on the Sanitary work dealt with in the district during the year 1910.

I am, Gentlemen,

Your obedient servant,

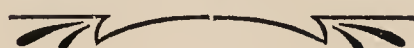
ARTHUR H. POOLE, M.D.,

Tottington,

Medical Officer of Health.

January 31st, 1911.

# SANITARY INSPECTOR'S REPORT.



To the Chairman and Members of the Tottington Urban District Council.

Gentlemen,

I have pleasure in submitting the following report on the Sanitary work dealt with in the District during the year ended 31st December, 1910.

Sanitary requirements attended to .....	186
Number abated .....	153
Number of Notices served .....	42

## CLASSIFICATION.

Privy and Ashpit nuisances .....	69
Defective Privies and Ashpits.....	41
Insufficient Ashpit accommodation .....	1
Defective drainage.....	43
Farm premises requiring limewashing .....	4
Defective cesspools .....	2
Case of overcrowding .....	1
Defective water supply to Farms .....	2
Defective water supply to Houses .....	6
Miscellaneous nuisances .....	17
	<hr/>
	186
	<hr/>

Houses disinfected after Infectious Disease .....	50
Schools disinfected.....	11
Smoke observations taken .....	17
Number of conversions to Water Closets .....	32

The farms in the district have been visited periodically, and there has been one new cowshed built, and improvements in the lighting and ventilation at another.

The five licensed slaughter houses have been regularly visited, and they are kept in a cleanly condition. The meat has been of good quality.

There have been three instances of cattle being slaughtered on farm premises, under adverse circumstances, and in each case in company with the Medical Officer of Health, the carcasses were inspected, with the result that two were passed as fit for human consumption, the other was condemned.

The house refuse is removed under contract, and has been very well attended to, there being considerably more emptyings during the year. The following is a statement of the work done in the Department for the year :

Ashpits emptied	.....	1799
Pails	,, .....	4478
Cesspools	,, .....	43

My thanks are again due to the chairman and Members of the Health Committee for their indulgence during the year.

I remain, Gentlemen,

Yours obediently,

LAWRENCE KENYON,

Sanitary Inspector.



TABLE I.

TOTTINGTON DISTRICT.—Vital Statistics of Whole District during 1910 and Previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate*	Under 1 year of age.		At all ages.		Number.				Rate *	
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*						
													5
1	2	3	4	5	6	7	8	9	10	11	12	13	
1900	6312	126	19.96	8	63.50	93	15.35	12	2	5	96	15.20	
1901	6118	135	22.08	18	133.33	97	15.88	12	...	3	97	15.85	
1902	6118	110	17.98	11	100.00	76	12.42	3	3	2	76	12.42	
1903	6300	105	16.66	6	57.14	89	14.12	2	1	7	89	14.12	
1904	6450	120	18.60	14	116.66	102	15.81	5	...	18	102	15.81	
1905	6450	123	19.06	12	97.56	86	13.33	1	...	10	86	13.33	
1906	6600	115	17.42	18	156.50	100	15.15	2	5	6	94	14.24	
1907	6800	147	21.37	11	74.80	74	10.76	1	...	8	80	11.92	
1908	6925	113	16.31	11	97.34	90	12.99	3	...	8	92	12.99	
1909	7065	127	17.98	15	118.11	96	13.59	2	...	8	96	13.59	
Av'ag's for years													
1900-1909.	6513.8	122	18.74	12.4	101.49	90.3	13.94	4.3	2.7	7.5	90.8	13.94	
1910.	7245	122	16.85	17	139.34	84	11.59	1	...	9	84	11.59	

Area of District in acres (exclusive of area covered by water)... 2655.  
 Total population at all ages... 7245.      Number of inhabited houses... 1549.

Average number of persons per house... 4.6.  
 \* Rates in Columns 4, 8, and 13 calculated per 1000 of estimated population.

TABLE I.—Continued.

I. Institution within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other institutions, the deaths in which have been distributed among the several localities in the District.
Holly Mount R.C., Certified Home for Pauper Children from outside Unions.	Bury and District Joint Hospital Bury Infirmary Bury Union Workhouse Manchester Royal Infirmary St. Joseph's R.C. Home	Private Nursing Home, Manchester
Is the Union Workhouse within the District?—No.		



TABLE II.

## TOTTINGTON DISTRICT.—Vital Statistics of separate Localities in 1910 and previous years.

NAMES OF LOCALITIES.	1. Tottington District.				2 Chapel Ward.				3. Church Ward.				4 Greenmount Ward.				5. Hawkshaw Ward.				6 Walshaw Ward.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1900	6312	126	96	8	...	30	19	2	...	20	16	1	...	20	22	1	...	14	3	1	...	42	33	4
1901	6118	135	97	18	...	34	31	7	...	20	9	2	...	23	22	1	...	12	10	2	...	46	35	6
1902	6118	100	96	11	1412	27	16	6	900	14	10	...	1211	18	18	3	564	15	14	...	2031	36	18	2
1903	6300	105	89	6	1482	21	21	1	940	21	18	2	1320	21	17	1	568	7	7	...	2050	33	26	2
1904	6450	120	102	14	1427	28	21	2	944	10	15	3	1414	23	26	4	570	9	6	1	2075	41	31	4
1905	6450	123	86	12	1427	30	25	3	944	19	15	...	1414	26	15	4	590	9	7	...	2075	19	24	5
1906	6600	115	100	18	1437	24	29	7	944	12	17	3	1439	21	19	2	625	9	8	...	2163	49	27	6
1907	6800	147	81	11	1459	39	17	5	951	21	14	2	1467	18	18	2	679	13	7	2	2241	56	26	...
1908	6925	113	90	11	1511	18	22	4	971	18	14	2	1474	25	21	3	701	9	7	...	2268	43	26	2
1909	7065	127	96	15	1530	34	23	6	982	11	16	3	1490	34	19	3	714	11	6	...	2349	37	32	3
Averages of years																								
1900 to 1909	6513	122	93.3	12.4	1460	28.5	22.2	4.3	947	17.5	14.3	2.2	1404	22.9	19.4	2.4	626	10.8	7.5	1.5	2156	40.2	27.8	3.6
1910	7245	122	84	17	1534	20	22	2	997	13	12	4	1525	26	12	1	721	13	6	3	2468	50	32	7

TABLE III.  
Cases of Infectious Disease notified during the Year 1910

Notifiable Diseases.	Cases Notified in whole District.					Total Cases Notified in each Locality.					No. of Cases Removed to Hospital from each Locality					
	At Ages—Years.					Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Total cases removed to Hospital.
	At all Ages.	under 1.	1 to 5.	5 to 15.	15 to 25.											
Erysipelas .....	3					1	20	17		2		7	10		10	32
Scarlet Fever .....	72	1	30	33	5	14		1		21					2	2
Enteric Fever .....	3				2					2						2
Phthisis .....	3				3	1		1		1			1			2
(2 voluntarily)																
Totals.....	81	1	30	33	7	16	20	19		26	6	7	11		12	36

Isolation Hospital—Bury & District Joint Hospital. Total available beds—no special number.

TABLE IV.  
DISTRICT OF TOTTINGTON  
Causes of, and Ages at, Death during Year 1910.

CAUSES OF DEATH.  1	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN OR BELONG ING TO LOCALITIES (AT ALL AGES).						TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages. 2	Under 1 year. 3	1 and under 5 4	5 and under 15. 5	15 and under 25. 6	25 and under 65. 7	65 and upwards. 8	Chapel Ward. 9	Church Ward. 10	Greenmount W. 11	Hawkshaw Ward 12	Walshaw Ward. 13	14	
Measles .....	1		1							1				
Scarlet Fever.....	2			2					1	1				
Whooping-cough .....	1	1									1			
Epidemic Influenza.....	2					2						2		
Diarrhœa .....	1	1										1		
Enteritis .....	3	3								1		2		
Gastritis.....	2	2							1			1		
Phthisis, (Pulmonary Tuberculosis) .....	5					5		2	1			2		
Other Tuberculous diseases .....	3		2	1						2		1		1
Cancer, malignant disease .....	5					4	1	1	1	2		1		
Bronchitis .....	5	1	1			2	1	1	2			2		
Pneumonia .....	4	1			1	2		1		2		1		
Pleurisy .....	2					1	1				1	1		
Other diseases of Respiratory Organs...	2						2	1				1		
Premature birth .....	5	5						1			1	3		
Heart Diseases .....	10	1				3	6	5	1	2	1	1		
Accidents Coroner's Jury	3		1			2		2				1		
Suicides .....	3					3			1	1	1			
Senile decay .....	8					1	7	2	1			5		
Cerebral Hæmorrhage ...	5				1	1	3	1				4		
Convulsions .....	4	2	1			1		2	2					
Nephritis .....	3					3		1			1	1		
All other diseases .....	5					3	2	2	1			2		
All causes .....	84	17	6	3	2	33	23	22	12	12	6	32		1



TABLE V.  
 Infantile Mortality during the year 1910. Deaths from stated causes in  
 Weeks and Months under one Year of Age.

CAUSES OF DEATH.	Under 1 week.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-2 months.	2-3 months.	3-4 months.	4-5 months.	5-6 months.	6-7 months.	7-8 months.	Total deaths under 1 year.
All causes, certified ...	4	1	<del>5</del>	<del>10</del>	<del>2</del>	0	1	1	1	1	1	17
Whooping Cough .....					1							1
Diarrhoea, all forms ...		1		1								1
Gastritis, Gastro-intestinal Catarrh....			<del>3</del>	<del>3</del>	<del>3</del>		1			1		<del>2</del>
Premature Birth .....	4			4	<del>1</del>			1				<del>5</del>
Congenital defects.....												1
Convulsions .....			2	2					1			2
Bronchitis .....											1	1
Pneumonia .....			3									1
<i>Infants</i>												3
	4	1	<del>5</del>	8	<del>2</del>	0	1	1	1	1	1	17

District of Tottington—Births in the year, legitimate 120, illegitimate 2, total 122.  
 Deaths in the year of legitimate infants 17, illegitimate infants 0  
 Deaths from all causes at all ages 84. Population, (estimated to middle of 1910), 7245.

Annual Report of the Medical Officer of Health for the year 1910, for the Urban District of Tottington.

**FACTORIES, WORKSHOPS, WORKPLACES, and HOMEWORK.**

**1.—Inspection of Factories, Workshops, and Workplaces.**

	Inspections.	Number of Written Notices.	Prosecutions.
Factories, (Including Factory Laundries)...	... 20	1	...
Workshops, (including Workshop Laundries) ...	18	...	...
Workplaces, (other than Outworkers' premises included in Part 3 of this Report) ...	10	...	...
Total	48	1	...

**2.—Defects found in Factories, Workshops and Workplaces.**

	Number of Defects—Found.	Remedied.
Breach of special sanitary requirements for bakehouses, (ss. 97 to 100)	2	2

**3.—Home Work.**—No Home Work under any of these headings.

**4.—Registered Workshops.**

Tin and Coppersmiths	...	...	1
Blacksmiths	...	...	1
Plumbers	...	...	2
Ironfounders	...	...	1
Joiners and Builders...	...	...	3
Wheelwrights...	...	...	1
Bakers and Confectioners	...	...	7
Laundry	...	...	1
Total No. of Workshops on Register	...	17	

**5.—Other Matter.**

Action taken in matters referred by H.M Inspector (Notified by H.M. Inspector,	...	1
as remediable under the Public Health Acts, but		
not under the Factory and Workshop Act (s. 5)	(Reports (of action taken) sent to H.H. Inspector	0
Other ..	Fire Escape (want of) notified by H.M.I.	

